

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 01/04057

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q1/40 H01Q1/38 H01Q1/32 H01B5/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 36 03 260 A (ZOEPPRITEX SCHUHSTOFF GMBH & C) 13 August 1987 (1987-08-13) column 2-3; claims 1,2,5,9,11; figures 1,2 ---	1,8, 13-18
Y	US 3 526 573 A (MARTELLO NORMAN E ET AL) 1 September 1970 (1970-09-01) column 3, line 44 -column 5, line 13; figure 3 -----	1,8, 13-18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

10 May 2001

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21/05/2001

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3603260	A	13-08-1987	NONE	
US 3526573	A	01-09-1970	NONE	